

## Intelligent digital surveillance system

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### Abstract of **TW436745**

The present invention reveals an intelligent digital surveillance system which includes a digital image and voice frequency server, and at least a terminal device, each terminal device is connected to the digital image and voice frequency server and a client computer at a remote node through a TCP/IP network, the terminal device has a corresponding node address and includes: a device to collect video and voice information which can be accessed from the computer at the remote node; an index processing device to index the information of the collecting device specific parameters, wherein the specific parameters includes the node address (the title of node) and timing information; a data storage device to store the information outputted from the index processing device, and a control signal related to those data for the computer at the remote node to show the voice frequency and video information in a preset format; an action process means to transmit the information stored in the data storage device to the digital image and voice frequency server at the remote node through the TCP/IP network, and output the control signal to the computer at the remote node to the collecting device to control the transmission and receiving of the video and voice information to the indexing device to control the operation of the indexing device; and a TCP/IP network protocol transforming device to transform the data between the computer at the remote node and the surveillance device, and to receive the TCP/IP transmission signal from the computer at the remote node addressed at the surveillance device through the TCP/IP network, and transform the transmission signal from the collecting device to the data storage device into the data stream of TCP/IP format.